

has gone east to look after financing of the property and we rather expect that he will have a successful mission.

The Midnight was one of the producers that the old Mohave Gold Mining company extracted a big tonnage of ore to the 200 level, but which was abandoned when the company quit the Leland. Both properties had good ore in them, but the heavy expense of operation was too much for the shareholders and they got from under, leaving the webby structure floating in thin air. Had this property been in the hands of men who mined to success, the venture would have been a paying one.

The Vivian is another of the properties that had a wonderful surface showing and might have made good if

ues in both gold and silver. It is for this reason, if for none of the many other geological reasons, that we believe that deeper mining, as shown by the Camp Bird (Colorado) property, will bring in many important producing properties. So far only one flow has been penetrated and the original flow and the primary have yet to be entered and the ore bodies therein proven. The campaign now being waged with diamond drills may prove up the whole territory from this angle, and should it do so it will be a life saver for the whole district.

The Gold Ore, which lies northerly from the Gold Road, and paralleling that famous property, is in the chloritic andesitic flow, this flow being deeper in that part of the district than further west. The shaft has been

rying good values.

The Pittsburgh, lying to the north and west of Oatman, in the upper part of Silver Creek section, owned by Judge Ross and others of Los Angeles. Has good equipment and a shaft at a depth of 300 feet. Has good outcrop and only needs the development of the vein at lower level.

The Henry Ford group, formerly owned by Harry Leclair, and which has been merged into a corporation, is situated in the Silver Creek section and has a splendid vein. Work is to be done on this mine at once.

The Times group, lying to the west of Oatman, was in the limelight during the activities in the district several years ago, but owing to extravagant overhead expenses the mines became entangled in litigation and were

ploration of the big vein is necessary and it is expected that financing will soon be complete.

Lexington-Arizona is another of the Woods properties, and lies to the east of the Boundary Cone estate, and upon the surface of which the town of Old Trails was established. The shaft is down about 300 feet and has a heavy flow of water. The vein is an immense one and shows potential values. It has always been considered one of the best undeveloped property in the district.

Iowa Gold group is owned by J. H. Moore and Frank L. Hunt, and is situated in the northwest part of the Oatman field. Good equipment has been placed on the mines and a large amount of work done. It is considered one of the good things of the district.

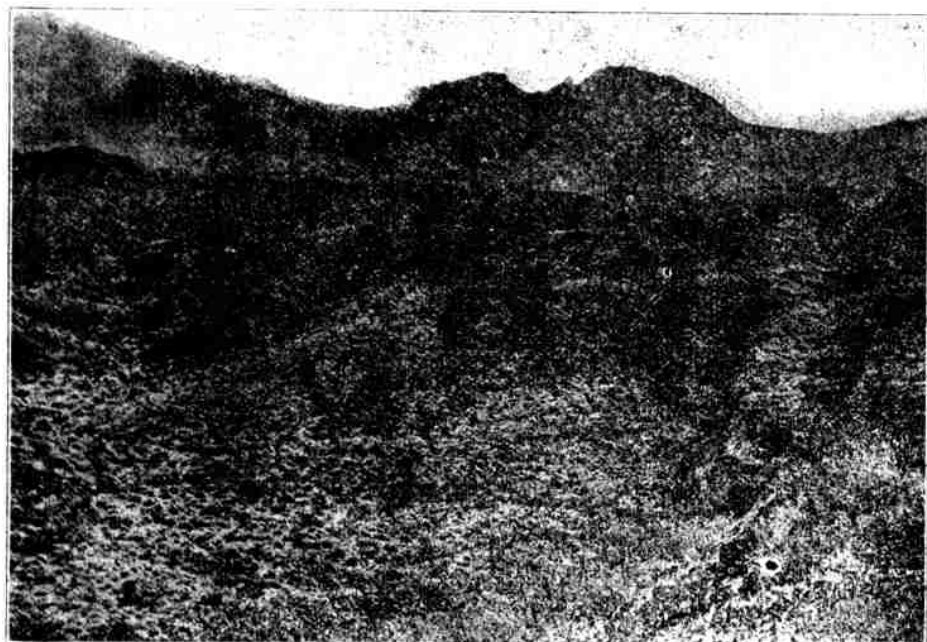
BIG FIVE and BERCUSE GROUP

The two groups of claims, containing about 70 acres, located about six years ago by the present owners, before the great possibilities of the Mossback vein or mine was appreciated, have been opened by many shallow shafts, cuts, tunnels and trenches, demonstrating the continuity of the famous Mossback lode through these groups for a distance of 1500 to 2000 feet.

The prospecting work has also disclosed two parallel veins, 40 to 50 feet wide, with the Moss vein running a little north of west and south of east and forming a junction with the Mossback vein in both the Big Five and Bercuse ground, as does the Moss vein further south, where exceedingly rich ore is uncovered in a tunnel and winze on the Mossback, at this junction.

These two groups are owned by H. G. Putney and are held under option by local parties who are perfecting plans to have them actively developed through the main working shaft that will eventually result in this system of three veins being tributary to the one main operating shaft and on a line practically northwest of and approximately 1800 feet distance from the Mossback shaft. The two groups end-line the Mossback on the northwest and sideline on the west, and it is apparent that the development of the Mossback, with its strong showing and immense tonnage is daily enhancing the value of these properties and relieving them of a large amount of prospective work and the element of uncertainty as to their future.

More desks, flat and roll top, are manufactured in Hekimer, New York, than in any other place in the United States.



Location of Barecuse and Big Five Groups

the men in charge of affairs had the forethought to carry their developments further. The veins shows considerable faulting, but no attempt was made to pick it up, although there was a wonderful ore shoot on the surface. Nuggets of large size were found along the outcrop for a distance of several hundred feet, and it was this rich outcrop that brought a ready sale of the mine when only the title work had been done. A milling plant was erected on the mine, but there was little ore to put through. Some

sunk to a depth of 750 feet and shows ore from the outcrop. On this level a large amount of ore has been blocked out, but the main ore body has not yet been entered to any great extent. With the development of this vein more extensively, there is not the least doubt of its value as a producer.

The Boundary Cone, which had the public eye several years ago, is situated to the west of Oatman. A shaft has been sunk 700 feet on the vein, but at a point where there is a large amount of displacement and faulting.

sold to satisfy debts. The one important vein, upon which considerable work was done, had a showing of rich ore, although the rich material was small. The main vein is worth while and should be developed.

The Hercules has an estate of fourteen claims, patented, with splendid electric equipment. Has a shaft at a depth of 500 feet. The surface crop is extensive and the values are exceptionally good. A schism among shareholders has prevented further exploration of the veins. The property is too



The Nellie Ledge

money and a good management should make a mine of it.

The Ben Doran, now the Gloconda, is another of the veins to have a wonderful outcrop. The gold nuggets showing in this vein were the most wonderful of anything found in a mine in the world, resembling the opening rosebud. Hundreds of these little buds were picked out of the decomposed rock and in the alluvium around the vein, and in the vein that was brought to view in the shaft, wonderful specimens were found. This vein also faulted and no effort was made to pick it up. It is now owned, we believe, by H. E. Woods.

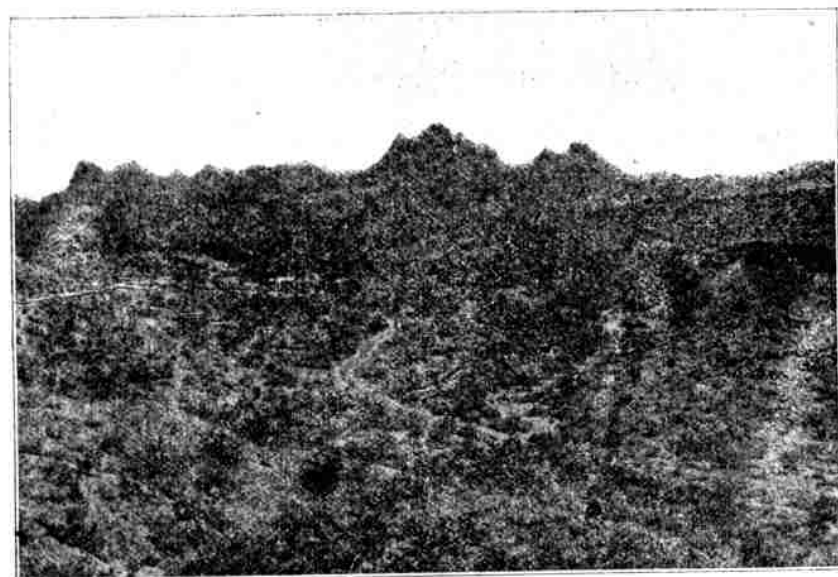
In this broken mass immensely rich ore was found, but the crosscuts and drifts were not carried far enough out of the fractured zone to develop the big vein in the solid ground. Ore as rich as that found in the Stoney-Ferra lease on the Tom Reed was found. It has been idle for several years. Has good equipment and camp.

The Pioneer is another of the old time properties that may be brought into production. While it has many thousands of tons of mill grade ore this ore must be handled on the ground to produce profit. It was one of this group that had the richest ore in the

important to lie idle.

The Goldroad Bonanza parallels the Goldroad vein and has been opened to the 500 level. The company owns a large estate and the development has been in good hands, a rather important body of ore having been brought in.

The Gold Hills group, owned by the late George Miller and willed by him to the Mohave county school fund, is situated in the Silver Creek section. The four claims are patented and have important ore showings. H. H. Watkins is administrator of the estate. This estate has just concluded



Spot where the California Volunteers settled in 1863 on Silver Creek.

The Leland and Mitchell were the two first veins discovered in San Francisco district, and above the older andesitic contact produced a considerable tonnage of ore. It was this mine that caused the first discourse on the probability of the ore bearing zone being confined to the chloritic andesitic flow, and not going through the older flow and into the primary. But this view has been dissipated by later explorations, and especially the veins condemned showing strong in the primary as they take their strike northerly out of the saucer basin of Oatman, and all of them carrying val-

district—the Snowball. An 18 inch vein on this property gave values of \$800 to the ton, and some of the promoters of the camp in its early days used specimens of the ore to promote their own issues with. The property is in the hands of George F. Moser and Carl Schader.

Other veins and properties of the district having wonderful potentialities for production under development are the following:

The Gaddis and Perry group, lying at old Vivian, and having one of the large veins of the camp, showing quartz replacement in calcite and car-

successful litigation over its disposition.

The Adams properties, situated near the Black Range, in the lower part of the district, has a shaft 500 feet deep, and the crosscuts and drifts are in good ore. This company is also the owner of important property in the Katherine section.

The Nellie group, situated between the Oatman Southern and Black Range, has a well equipped property, a shaft 500 feet deep and one of the largest veins in that part of the district, that territory being noted for its veins of immense size. Further ex-

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